

NATURAL RESOURCES CONSERVATION SERVICE

VIRGINIA

OPERATION AND MAINTENANCE REQUIREMENTS

CHANNEL STABILIZATION

CODE 584

Land Owner/Operator_____

County_____ SWCD_____ Farm/Tract No. _____

Prepared By_____ Date_____

OPERATION AND MAINTENANCE ITEMS

A properly installed and maintained channel stabilization practice can be an asset to the farm. The project was installed to stabilize the bed or bottom of a channel. Estimated life span of this installation is _____ years. The life of the channel stabilization project can be assured and usually increased by developing and carrying out a systematic operation and maintenance program.

This practice will require periodic maintenance and may also require operational items to maintain satisfactory performance. Your operation and maintenance program includes:

- Inspect the channel regularly, especially after heavy rains. Damaged areas will be immediately repaired with materials similar to those used during the initial installation.
- Sufficient depth shall be maintained to provide adequate outlets for subsurface drains, tributary streams or ditches, or other channels.
- Remove foreign materials and vegetation that are interfering with proper operation only when necessary. Channel clearing to remove stumps, fallen trees, debris, and sediment bars shall only be done when they are causing or could cause detrimental bank erosion or structural failure of the project. Take into consideration fish habitat, fill and removal permit regulations and period of the year work can be performed in the water portion of the stream.
- Maintain vigorous vegetative growth in riparian areas and for erosion control, fish and wildlife habitat, and aesthetics. Repair or replace bank protection materials displaced by erosion, animals, vehicles and vandalism. Maintain grade control structures necessary for stream bottom and bank stability. Maintain stream bank protection facilities, i.e. rock jetties, bank riprap, rock barbs, log revetments, etc.
- Disposal areas shall be seeded and a vigorous growth of vegetation established and maintained. Reseed and fertilize as necessary to maintain stand and promote growth.
- Drainage patterns around the cleared area and any disposal sites shall be maintained. Any settlement shall be filled and seeded to maintain positive drainage.

- Eradicate or otherwise remove all rodents and/or burrowing animals that have or can potentially damage any part of the system. Immediately repair any damage caused by their activity.
- Maintain safety measures for protection of people and animals.

Additional Operation and Maintenance Requirements Specific to this Plan:_____

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